Use & Care Guide
Guía de Uso y Cuidado
Guide d'utilisation et d'entretien
English / Español / Français

For best results, a lower-sudsing, HE High Efficiency Detergent made for front loading washers must be used.

Para obtener mejores resultados, una baja espuma, H.E. Alta eficiencia de detergentes para lavadoras de carga hizo frente debe ser utilizado.

Pour de meilleurs résultats, et un bas niveau de mousse, un détergent haute-efficacité HE conçu pour les laveuses à chargement frontal doit être utilisé.

Models/ Modelos / Modèles: 417.4112*

Kenmore®

Front Load Washer
Lavadora a Cargo Frontal
Laveuse à Chargement Frontal

* = Color number, número de color, le numéro de couleur

P/N 137631200 A (1308)
Sears Brands Management Corporation
Hoffman Estates, IL 60179 U.S.A.
www.kenmore.com
www.sears.com

Sears Canada Inc.
Toronto, Ontario, Canada M5B 2C3
www.sears.ca

Record Model/Serial Numbers

The model and serial numbers of your washer are found on the washer serial plate located on the inside of the door. Record and retain these numbers.

Model Number _____

Serial Number _____

Purchase Date _____

This ***Use and Care Guide*** provides general operating instructions for your washer. It also contains information about features for several other models. Your washer may not have every feature included.

The instructions in this manual and all other literature included with this washer are not meant to cover every possible condition and situation that may occur. Good safe practice and caution MUST be applied when installing, operating and maintaining any appliance. Use the washer only as instructed in this ***Use & Care Guide***.

Table of Contents

Important Safety Instructions 2-3
Warranty / Protection Agreement 4
Features 5
Operating Instructions 6-14
Stain Removal Guide 15-16
Care and Cleaning 17-20
Solutions to Common Problems 21-24
Español 25
Français 48

Important Safety Instructions

Recognize safety symbols, words and labels

Safety items throughout this manual are labeled with a WARNING or CAUTION based on the risk type as described below:

Definitions

⚠ This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT

IMPORTANT indicates installation, operation or maintenance information which is important but not hazard-related.

Save these instructions for future reference.

Important Safety Instructions

⚠ WARNING

To reduce the risk of fire, electrical shock, or injury to persons when using this washer, comply with the basic warnings listed below. Failure to comply with these warnings could result in serious personal injuries.

You can be killed or seriously injured if you don't follow these Important Safety Instructions:

PREVENT FIRE

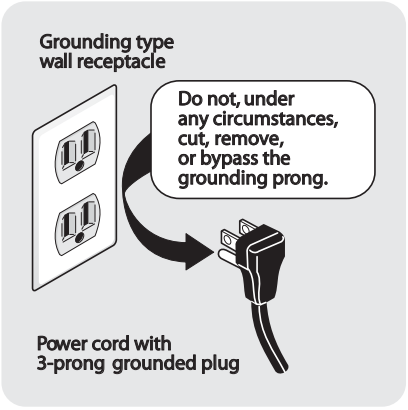
- Do not wash items that have been previously cleaned in, soaked in, or spotted with gasoline, cleaning solvents, kerosene, cooking oils, waxes, etc. Do not store these items on or near the washer. These substances give off vapors or chemical reactions that could ignite or explode.
- Do not put oily or greasy rags or clothing on top of the washer. These substances give off vapors that could ignite the materials.
- Do not add gasoline, cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using the washer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. Hydrogen gas is flammable; do not smoke or use an open flame during this time.
- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- Failure to comply with these warnings could result in fire, explosion, serious bodily injury and/or damage to the rubber or plastic parts of the washer.

PROTECT CHILDREN

- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children. As children grow, teach them the proper, safe use of all appliances.
- Destroy the carton, plastic bag and other packing materials after the washer is unpacked. Children might use them for play. Cartons covered with rugs, bedspreads or plastic sheets can become airtight chambers.
- Keep laundry products out of children's reach. To prevent personal injury, observe all warnings on product labels.
- Before the washer is removed from service or discarded, remove the washer door to prevent accidental entrapment.
- Failure to comply with these warnings could result in serious personal injuries.

PREVENT INJURY

- To prevent shock hazard and assure stability during operation, the washer must be installed and electrically grounded by a qualified service person in accordance with local codes. Installation instructions are packed in the washer for installer's reference. Refer to ***INSTALLATION INSTRUCTIONS*** for detailed grounding procedures. If the washer is moved to a new location, have it checked and reinstalled by a qualified service person.
- To prevent personal injury or damage to the washer, the electrical power cord of the washer must be plugged into a properly grounded and polarized 3-prong outlet. The third grounding prong must never be removed. Never ground the washer to a gas pipe. Do not use an extension cord or an adaptor plug.



- Follow package directions when using laundry products. Incorrect usage can produce poisonous gas - resulting in serious injury or death.
- Do not combine laundry products for use in 1 load unless specified on the label.
- Do not mix chlorine bleach with ammonia or acids such as vinegar.

PREVENT INJURY AND DAMAGE TO THE WASHER

To prevent serious personal injury and damage to the washer:

- All repairs and servicing must be performed by an authorized servicer unless specifically recommended in this Use & Care Guide. Use only authorized factory parts.
- Do not tamper with controls.
- Do not install or store the washer where it will be exposed to the weather.
- Do not install on carpet. Install washer on a solid floor. It may be necessary to reinforce the floor to prevent vibration or movement.
- To reduce the risk of electric shock, disconnect this appliance from the power supply before attempting any user maintenance. Turning the controls to the OFF position does not disconnect this appliance from the power supply.
- To prevent injury, do not reach into the washer while parts are moving. Before loading, unloading or adding items, push in the cycle selector knob and allow the drum to coast to a complete stop before reaching inside.
- This washer is equipped with an electrical overload protector. The motor will stop if it becomes overheated.
- Failure to comply with these warnings could result in serious personal injuries.

Kenmore Appliance Warranty

One Year Limited Warranty

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material or workmanship within one year from the date of purchase, call 1-800-4-MY-HOME® to arrange for free repair.

If this appliance is used for other than private family purposes, this warranty applies for only 90 days from the date of purchase.

This warranty covers only defects in material and workmanship. Sears will NOT pay for:

1. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs and bags.
2. A service technician to instruct the user in correct product installation, operation or maintenance.
3. A service technician to clean or maintain this product.
4. Damage to or failure of this product if it is not installed, operated or maintained according to all instructions supplied with the product.
5. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
6. Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
7. Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

Disclaimer of implied warranties; limitation of remedies

Customer's sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Sears shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States and Canada.*

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

* In-home repair service is not available in all Canadian geographical areas, nor will this warranty cover user or servicer travel and transportation expenses if this product is located in a remote area (as defined by Sears Canada Inc.) where an authorized servicer is not available.

Sears Brands Management Corporation, Hoffman Estates, IL 60179

Sears Canada Inc., Toronto, Ontario, Canada M5B 2C3

Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time. That's when having a Master Protection Agreement can save you money and aggravation.

The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement* includes:

- Parts and labor needed to help keep products operating properly under normal use, not just defects. Our coverage goes well beyond the product warranty. No deductibles, no functional failure excluded from coverage – real protection.
- Expert service by a force of more than 10,000 authorized Sears service technicians, which means someone you can trust will be working on your product.
- Unlimited service calls and nationwide service, as often as you want us, whenever you want us.
- "No-lemon" guarantee – replacement of your covered product if four or more product failures occur within twelve months.
- Product replacement if your covered product can not be fixed.
- Annual Preventive Maintenance Check at your request – no extra charge.
- Fast help by phone – we call it Rapid Resolution – phone support from a Sears representative on all products. Think of us as a "talking owner's manual".
- Power surge protection against electrical damage due to power fluctuations.
- $250 Food Loss Protection annually for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- Rental reimbursement if repair of your covered product takes longer than promised.
- 25% discount off the regular price of any non-covered repair service and related installed parts.

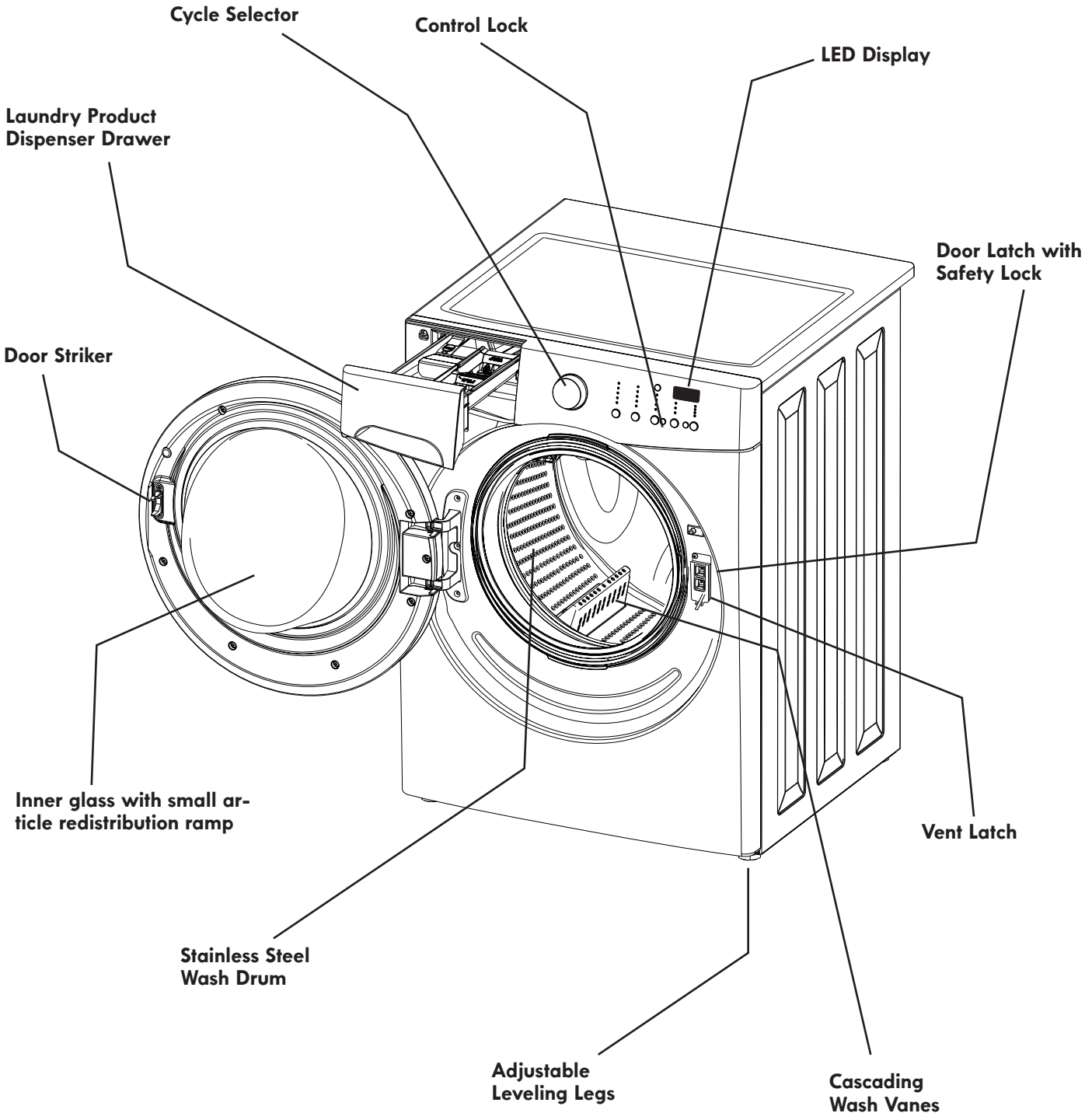
Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night, or schedule a service appointment online.

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Master Protection Agreement today!

Some limitations and exclusions apply. For prices and additional information in the U.S.A. call 1-800-827-6655.

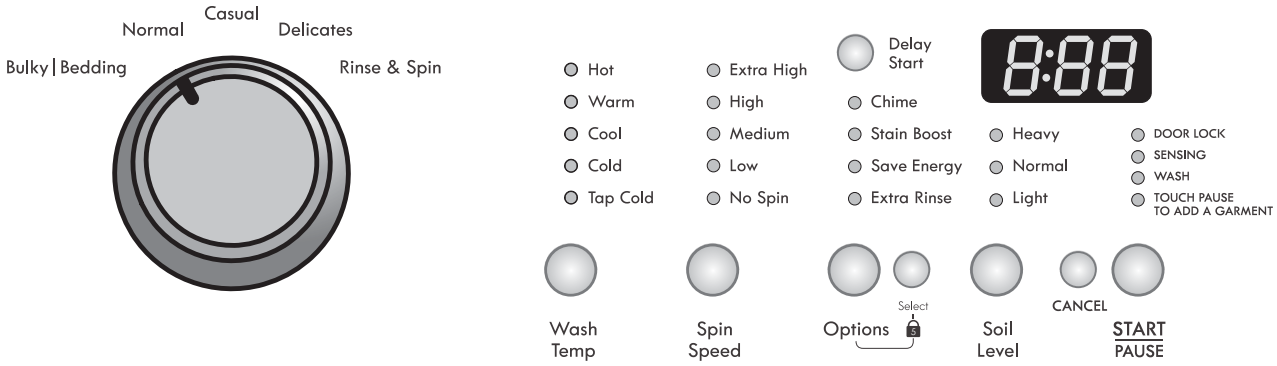
* Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6665.

Sears Installation Service
For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. or Canada call 1-800-4-MY-HOME®.



As an ENERGY STAR® Partner, Sears Brands Management Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Operating Instructions



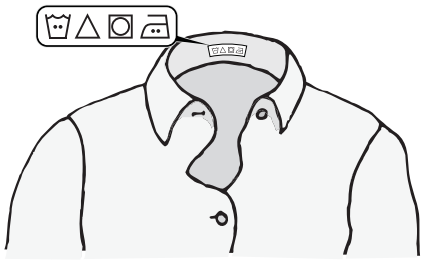
This manual covers many models and not all cycles, options, or features listed are available on every model. Consoles shown above for reference only. Your model may differ.

Cycle Selection

Turn the cycle selector in either direction to the cycle desired.

For best results

Follow the fabric care label instructions on items to be washed.



To change the cycle once it has begun, press the **CANCEL** button before selecting a new cycle. Just turning the cycle selector knob to another selection will not change the cycle.

Bulky | Bedding
This cycle is designed for large items such as blankets, sheets, mattress pads, duvet covers and similar items.

Normal
Use this load for cotton, linen, towels, shirts, sheets, denims and mixed loads.

Casual
Use this cycle for cottons and blends with a permanent press or no-iron finish.

Delicates
Use this cycle for lightly soiled knits and delicates which require gentle washing.

Rinse & Spin
Select **Rinse & Spin** for loads that need a cold water rinse or to add fabric softener that may have been omitted in a regular cycle. Add the fabric softener to the dispenser chamber. Select the spin speed appropriate for the load.

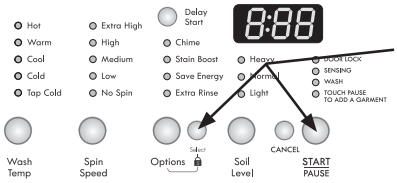
Cycle Settings

For best results

Follow the fabric care label instructions on items to be washed.

Appropriate wash temperature, spin speeds, soil level and options will automatically be displayed for each cycle. The settings can be changed before the cycle is started. To protect your fabrics, not all settings and options are available with every cycle. The indicator will not light if the setting is not available with that cycle.

Modifications for each cycle will be remembered and recalled each time that cycle is selected in the future. If changes are attempted after the cycle starts, the lights will blink, the signal will beep and "*Err*" will be displayed.



To return to factory settings, press these two buttons at the same time and hold until the signal sounds.

NOTE

To change settings once the cycle starts, press **PAUSE**, adjust the setting and press **START** to resume the cycle.

WASH WATER TEMPERATURE

To change the preset temperature, press the **Wash Temp** button to scroll to the desired setting. Select a wash water temperature according to fiber content, colorfastness and soil level. A cold water rinse saves energy and reduces wrinkling.

To protect your fabrics, not all temperatures are available with every cycle. The indicator will not light if the setting is not available with that cycle.

Wash Temp water temperatures are automatically regulated to maximize detergent effectiveness and improve washing performance. The water heater setting and its distance from the washer, water usage in other parts of the home, and seasonally low ground water temperature in some geographic areas can affect water temperature.

Hot
Use this setting for heavily soiled colorfast fabrics such as towels, bedding, and children's clothing.

Warm
Use this setting for normally soiled white or colorfast cottons and blends.

Cool
Use this setting for normally soiled sheets, casual items and washable woolens.

Cold
Some warm water will automatically blend with cold tap supply to achieve a precise Wash Temp Cold. Use this setting for lightly soiled non-colorfast items, knits, delicates, and hand washables.

Tap Cold
Wash and rinse temperatures are equivalent to temperature of cold tap supply. Use this selection for lightly soiled non-colorfast items, knits, delicates, and hand washables and other fabrics and colors that are prone to dye transfer. For use with cold water he detergents.

SPIN SPEED

To protect your fabrics, not all spin speeds are available with every cycle. The indicator will not light if the setting is not available with that cycle.

Extra High, **High**, **Medium** and **Low** spin speeds are available for appropriate cycles. The spin speed and/or duration of final spin vary from model to model and cycle to cycle.

Increasing the spin speed will extract more water, decrease drying time and conserve energy. Decreasing the spin speed will reduce wrinkling.

Select **Low** spin speed to gently spin items that should be line dried.

Use **No Spin** to omit the final spin at the end of the cycle. The load will be very wet. Remove items from the wash drum to drip dry or select a **Rinse & Spin** cycle to remove excess water at a more convenient time.

SOIL LEVEL

Adjust the wash time based on the soil level of each load. **Heavy**, **Normal**, and **Light** soil levels are available.

Operating Instructions

Cycle Options

To select an option, press **Options** until the indicator for the desired option flashes, then press **Select**. If an option is not available for a cycle, the indicator will not light. Follow the same steps to delete an option.

Occasionally, a setting and option in the same cycle will conflict with each other, like **No Spin** (or **Low Spin**) and **Save Energy**. When this happens, the energy saver option will override any incompatible selections.

The options selected for the cycle will be remembered and recalled each time that cycle is selected in the future. To return to factory settings, press the **START**/**PAUSE** and **Select** buttons at the same time and hold until the signal sounds.

NOTE

To change the options after the cycle starts, press **PAUSE**, adjust the options and press **START** to resume the cycle.

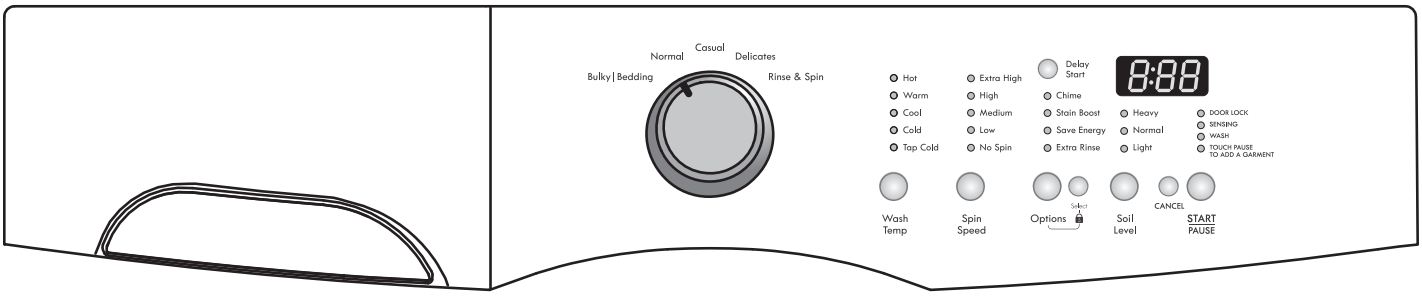
Chime
A signal will sound at the end of the cycle if this option is selected. The signal has an adjustable volume level or can be turned off.

Stain Boost
Use the **Stain Boost** option to add a 5-minute soak in the middle of the wash portion of select cycles.

Save Energy
The **Save Energy** option defaults to a cold temperature setting (in most cycles) and also extracts more water to reduce drying time.

Extra Rinse
Use this option when additional rinsing is desired to remove excess dirt and detergent. It is recommended for heavily soiled loads or if household members have sensitive skin.

Washer Settings Chart



These Temperature, Spin Speeds, Soil Levels and Options are available with the following cycles:

	Bulky | Bedding	Normal	Casual	Delicates	Rinse & Spin
Wash Temp					
Hot	✓	✓			
Warm	✓	✓	✓	✓	
Cool	✓	✓	✓	✓	
Cold	✓	✓	✓	✓	
Tap Cold	✓	✓	✓	✓	✓
Spin Speed					
Extra High	✓	✓			✓
High	✓	✓	✓		✓
Medium	✓	✓	✓	✓	✓
Low	✓	✓	✓	✓	✓
No Spin		✓	✓	✓	✓
Soil Level					
Heavy	✓	✓			
Normal	✓	✓	✓	✓	
Light		✓	✓	✓	
Options					
Chime	✓	✓	✓	✓	✓
Stain Boost	✓	✓	✓	✓	
Save Energy		✓			
Extra Rinse	✓	✓	✓	✓	
Delay Start	✓	✓	✓	✓	✓

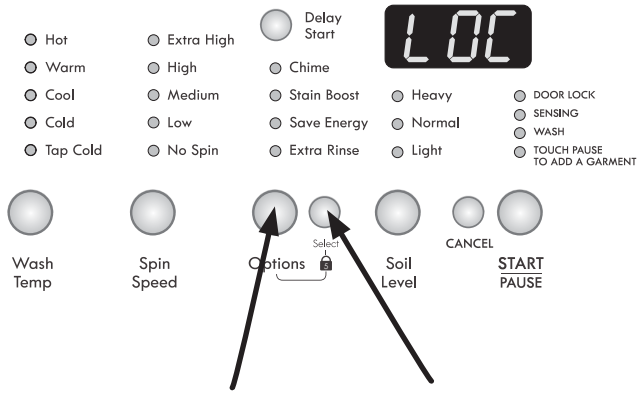
✓ = Available selections. ▭ = Cycle defaults. ■ = Non-modifiable presets.

Operating Instructions

Other Features

Delay Start
Press **Delay Start** to select a wash time convenient to your schedule or during off peak energy hours. The delay time selected will be displayed and begin counting down when you select **START**.

Control Lock
To avoid having someone accidentally start the washer, press **Options** and **Select** at the same time and hold for 5 seconds until "LOC" is displayed alternately with the estimated cycle time. To unlock the controls, press **Options** and **Select** at the same time and hold 5 seconds until "LOC" is no longer displayed.



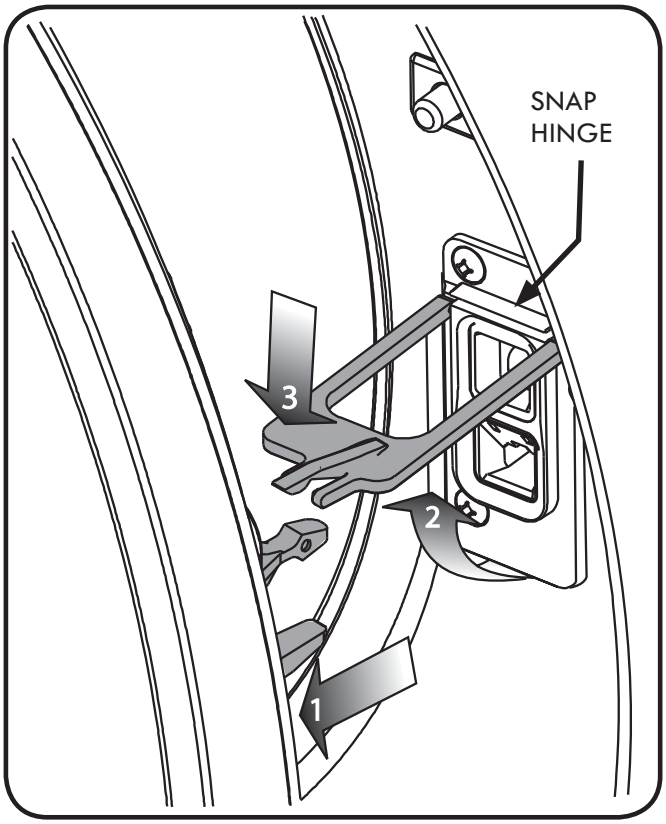
Press and hold both for five seconds to lock or unlock the controls.

Status Display/Status Lights
The estimated total cycle time will be displayed when the cycle is selected. The time may increase if water pressure is low, oversudsing occurs or the load becomes unbalanced. The estimated remaining cycle time is displayed during the cycle. The following indicators may be lighted during the cycle:

- Door Lock
- Sensing
- Wash
- Touch Pause to Add a Garment

Vent Latch
Help prevent odor buildup and mildew between washes by utilizing your washer's vent latch feature. To apply the vent latch, (1) open the door slightly, (2) lift the latch arm and then (3) press the arm down onto the plastic door strike, snapping it in place.

The vent latch can be released either of two ways - by pulling door out and manually returning latch arm to lower position or by pushing door shut and allowing latch arm to continue its pivot upward.



IMPORTANT

Do not attempt to close door if vent latch arm is disengaged and arm is in an outward position. Return latch arm to lower position before closing and latching the door.

NOTE

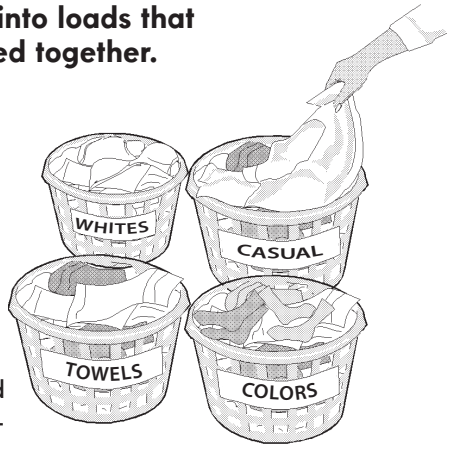
The vent latch may become dislodged from hinge point if door closure is attempted while latch arm is not in an acceptable closing position. The latch arm can be snapped back in at the hinge location. Washer will still operate without latch arm installed.

Operating Your Washer

⚠ WARNING

To reduce the risk of fire, electric shock or injury to persons, read these IMPORTANT SAFETY INSTRUCTIONS in this ***Use and Care Guide*** before operating your washer.

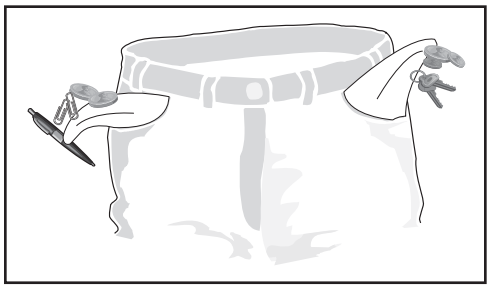
1 Sort laundry into loads that can be washed together.



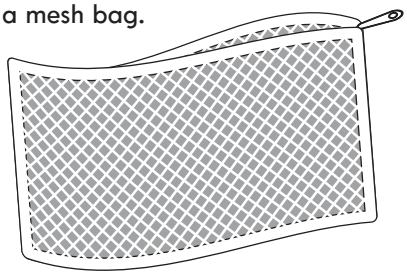
- Sort items by recommended cycle and water temperature.
- Separate white, light and colorfast items from dark and non-colorfast items.
- Separate items that shed lint from items that attract lint. Casual, synthetic, knit, and corduroy items will pick up lint from towels, rugs, and bedspreads.
- Separate heavily soiled items from lightly soiled items.
- Separate lacy, sheer, loosely knit, or delicate items from durable items.
- Do not machine wash items containing fiberglass. Small particles of fiberglass left in the drum may transfer to fabrics in other loads and cause skin irritation and/or damage to fabrics.

2 Prepare items for washing.

- Empty pockets.



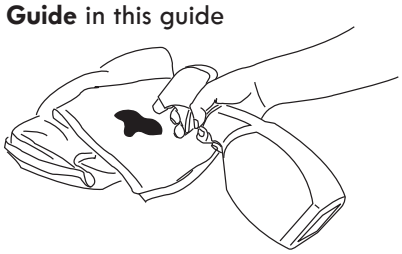
- Brush off lint and dirt. Shake out rugs and beach towels.
- Close zippers, fasten hooks, button buttons, tie strings and sashes, and remove non-washable trims and ornaments.
- Mend rips and tears to prevent further damage during washing.
- Turn knit items inside out to prevent pilling.
- Place delicate and small items such as bras, hosiery and baby socks in a mesh bag.



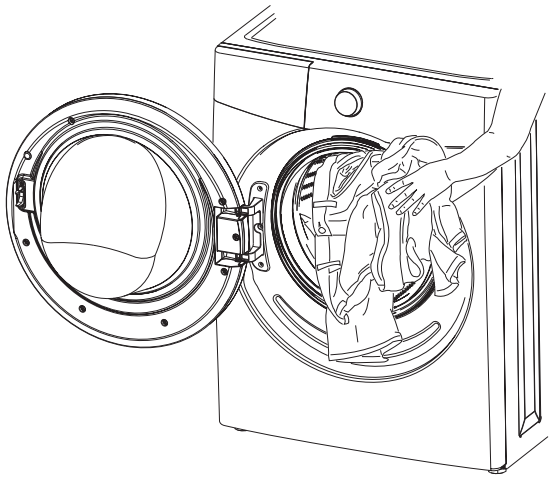
(Mesh bag not included.)

3 Pretreat stains and heavy soil.

- See **Stain Removal Guide** in this guide for safe, successful stain removal instructions.



4 Add laundry load to washer.



- Combine large and small items in a load.
- Load large items first. Large items should not be more than half the total wash load.
- Washing single items such as a sweater, towel or jeans is inefficient and may cause an out-of-balance load. Add 1 or 2 similar items to help balance the load.
- Wash a single heavy item such as a king-sized comforter, bedspread or sleeping bag separately.
- The washer can be fully loaded, but the items should not be tightly packed. The door should close easily.

Operating Instructions

Operating Your Washer, continued

5 Add laundry products to the dispenser.

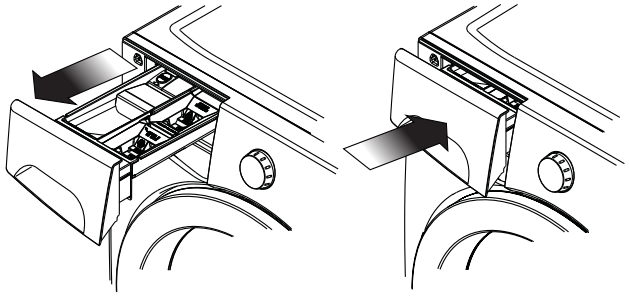
For best results

Use a low-sudsing, high efficiency detergent to prevent oversudsing in front load washers. Look for this symbol on the detergent label: he

Detergent, liquid chlorine bleach and liquid fabric softener will be dispensed at the proper times in the cycle.

IMPORTANT

Open and close the dispenser drawer slowly. Closing the drawer too quickly could result in early dispensing of the bleach or fabric softener.



Liquid or Powder Detergent

- Use the cap or scoop provided by the detergent manufacturer to measure the amount recommended.
- Detergent dosage may need to be adjusted for water temperature, water hardness, load size and soil level.

Other Wash Products

Color-safe bleach, water conditioner, detergent booster and enzyme products may be added with the detergent. Put liquid products with liquid detergent in the "DETERGENT WASH" chamber or powder products with powder detergent in the "DETERGENT WASH" chamber.

IMPORTANT

Do not mix liquids and powders.

IMPORTANT

Use of multi-product (detergent plus softener) sheets or color-absorbing sheets **NOT** recommended. They could disable your machine and result in unwarranted repair costs.

NOTE

From time to time you may see water in the "LIQUID BLEACH" and "FABRIC SOFTENER" chambers. This is part of the normal operation of the washer.

Liquid Chlorine Bleach cl

- If desired, add liquid chlorine bleach to the chamber labeled "LIQUID BLEACH" and marked with this symbol cl.
- Fill to the MIN line for small loads or the MAX line for large loads.
- DO NOT fill above the maximum fill line.

IMPORTANT

To prevent fabric damage, do not overfill the "LIQUID BLEACH" chamber or pour liquid chlorine bleach directly onto the load.

- Add color-safe bleach with the detergent.

Liquid Fabric Softener

- If desired, pour the recommended amount of liquid fabric softener into the chamber labeled "FABRIC SOFTENER" and marked with this symbol.
- Fill to the MIN line for small loads or the MAX line for large loads.
- DO NOT fill above the maximum fill line.

NOTE

To prevent staining, do not overfill the "FABRIC SOFTENER" chamber or pour liquid fabric softener directly on the wash load.

- Use of a fabric softener-dispensing ball is not recommended in tumble action washers.

6 Select the appropriate cycle and settings for the load.

- Turn the cycle selector knob in either direction to select the cycle desired.
- The estimated cycle time, suitable wash and rinse water temperatures, final spin speed, soil level, and options for each cycle will be indicated for the cycle selected. See the "Washer Settings Chart" for more details.
- To change the settings, press the **Wash Temp**, **Spin Speed** and **Soil Level** buttons to scroll to the desired settings.

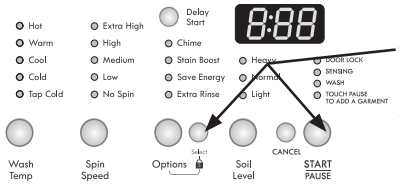
Operating Your Washer, continued

- To select or delete an option, press **Options**; then, while the indicator is blinking, press **Select**. The indicator will light when the option has been selected. It will no longer be lighted when the option has been deleted.

NOTE

To provide the best care for your laundry, not every setting or option is available with every cycle. If a setting or option is not available for the cycle selected, the indicator will not light.

- Adjustments to a cycle will be remembered and recalled each time that cycle is selected in the future.



To return to factory settings, press these two buttons at the same time and hold until the signal sounds.

7 Start the washer.

- Close the door and press **START**. The washer will not operate with the door open. "PAU" will be displayed as a reminder to close the door.
- Select **Delay Start** to delay the beginning of the cycle, if desired.
- As a safety measure, the door will automatically lock during the entire wash cycle and the Door Lock indicator will be lighted.
- "TOUCH PAUSE TO ADD A GARMENT"
  To add a forgotten item to the wash drum, press **PAUSE** and open the door. "PAU" will be displayed alternately with the estimated remaining cycle time. Add the item, close the door and press Start to resume the cycle.
- If changes to the settings or options are attempted after the cycle starts, you will hear several beeps when the buttons are pressed. To change the settings or options, press **PAUSE**, make the new selections and press **START** again.
- To change the cycle once the cycle has begun, press **Cancel**, select a new cycle, and press **START** again. Just turning the cycle selector knob will not change the cycle.
- To stop the cycle, press **CANCEL**.

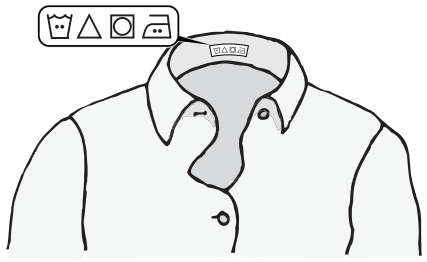
NOTE

If the cycle is interrupted during spin, it will take approximately 2-3 minutes for the door lock to release. DO NOT force open the door.

- A signal will sound at the end of the cycle if the **Chime** option has been selected.
- Remove items from the washer when the cycle ends and place in dryer, line dry or dry flat as directed on the fabric care label.

For best results

Follow the fabric care label instructions on items to be dried.



- Excess wrinkling, color transfer or odors may develop in items left in the washer after the cycle has ended, if not removed promptly.

CAUTION

ENTRAPMENT and TIP-OVER HAZARD

Do not leave the door open if there are small children or pets present. An open door could entice children to hang on the door or crawl inside the washer. If there are no small children present, you may leave the door ajar to prevent odor build up.

Normal Operating Sounds

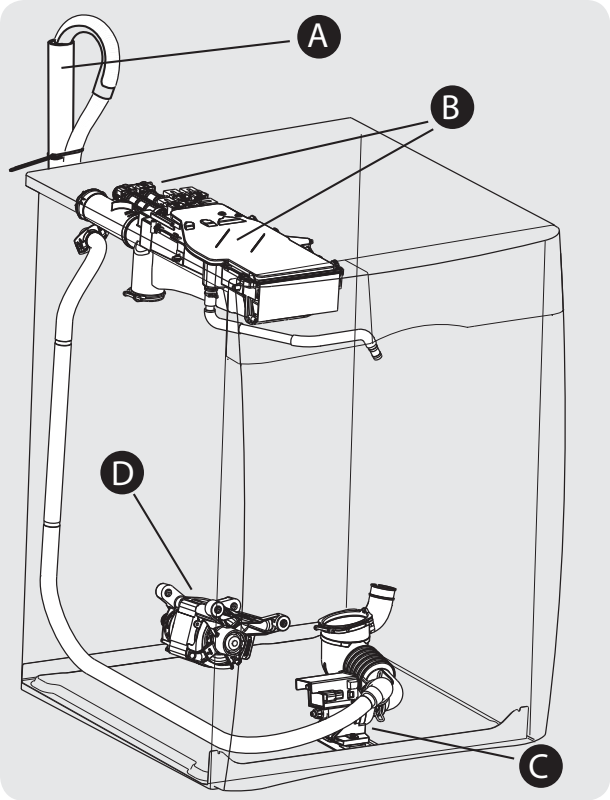
You may or may not hear the following sounds from your new washer:

A. DRAIN HOSE The washer has a flexible drain hose to carry water from the washer to the stand pipe of your home. You will hear water flowing into your stand pipe. This is a normal part of the operation of the washer.

B. WATER VALVES/DISPENSER As water enters the dispenser system, it is common to hear a water flowing sound. This normal sound will vary slightly based on the water pressure in your home.

C. DRAIN PUMP Your washer is equipped with a high velocity drain pump. It is normal to hear humming and gurgling sounds as water is pumped from the washer. Both of these sounds are normal and indicate that your pump is functioning correctly.

D. HIGH SPEED MOTOR A powerful motor is used to drive the drum to high spin speeds to extract water from your load. You will hear a sound associated with these higher spin speeds. This sound is normal and will vary slightly as the spin speed varies with load size and cycle selected.



⚠ CAUTION

Abnormal, on-going sounds may be an indication of a pending washer failure and should be investigated by a qualified technician.

Safe Stain Removal Procedures

To reduce the risk of fire or serious injury to persons or property, comply with the basic warnings listed below:

- Read and comply with all instructions on stain removal products.
- Keep stain removal products in their original labeled containers and out of children's reach.
- Thoroughly wash any utensils used.
- Do not combine stain removal products, especially ammonia and chlorine bleach. Dangerous fumes can result.
- Never wash items which have been previously cleaned in, washed in, soaked in or spotted with gasoline, dry cleaning solvents or other flammable or explosive substances because the items give off vapors that could ignite or explode.
- Never use highly flammable solvents, such as gasoline, inside the home. Vapors can explode on contact with flames or sparks.

For Successful Stain Removal:

- Treat stains promptly.
- Determine the kind of stain, then follow the recommended treatment in the stain removal chart on the next page.
- To pretreat stains, use a prewash product, liquid detergent, or a paste made from powder detergent and water.
- Use cold water on unknown stains as hot water can set stains.
- Consult care label instructions for treatments to avoid on specific fabrics.
- Check for colorfastness by testing stain remover products on an inside seam.
- Rinse and wash items after stain removal.

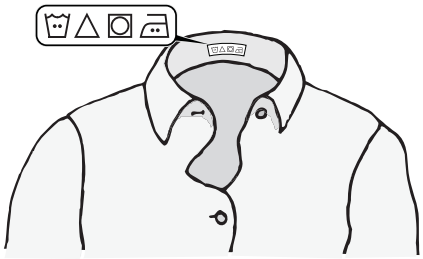
⚠ WARNING

HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.

For best results

Follow the fabric care label instructions on items to be washed.



Stain Removal Guide

Stain Removal Suggestions

STAIN	TREATMENT
Adhesive tape, chewing gum, rubber cement	Apply ice. Scrape off excess. Place stain face down on paper towels. Saturate with prewash stain remover or nonflammable dry cleaning fluid.
Baby formula, dairy products, egg	Use product containing enzymes to pretreat or soak stains. Soak for 30 minutes or more. Wash.
Beverages (coffee, tea, soda, juice, alcoholic beverages)	Pretreat stain. Wash using cold water and bleach safe for fabric.
Blood	Rinse with cold water. Rub with bar soap. Or, pretreat or soak with product containing enzymes. Wash using bleach safe for fabric.
Candle wax, crayon	Scrape off surface wax. Place stain face down between paper towels. Press with warm iron until wax is absorbed. Replace paper towels frequently. Treat remaining stain with prewash stain remover or nonflammable dry cleaning fluid. Hand wash to remove solvent. Wash using bleach safe for fabric.
Chocolate	Pretreat or soak in warm water using product containing enzymes. Wash using bleach safe for fabric.
Collar or cuff soil, cosmetics	Pretreat with prewash stain remover or rub with bar soap.
Dye transfer on white fabric	Use packaged color remover. Wash using bleach safe for fabric.
Grass	Pretreat or soak in warm water using product containing enzymes. Wash using bleach safe for fabric.
Grease, oil, tar (butter, fats, salad dressing, cooking oils, car grease, motor oils)	Scrape residue from fabric. Pretreat. Wash using hottest water safe for fabric. For heavy stains and tar, apply nonflammable dry cleaning fluid to back of stain. Replace towels under stain frequently. Rinse thoroughly. Wash using hottest water safe for fabric.
Ink	Some inks may be impossible to remove. Washing may set some inks. Use prewash stain remover, denatured alcohol or nonflammable dry cleaning fluid.
Mildew, scorch	Wash with chlorine bleach if safe for fabric. Or, soak in oxygen bleach and hot water before washing. Badly mildewed fabrics may be permanently damaged.
Mud	Brush off dry mud. Pretreat or soak with product containing enzymes.
Mustard, tomato	Pretreat with prewash stain remover. Wash using bleach safe for fabric.
Nail polish	May be impossible to remove. Place stain face down on paper towels. Apply nail polish remover to back of stain. Repeat, replacing paper towels frequently. Do not use on acetate fabrics.
Paint, varnish	WATER BASED: Rinse fabric in cool water while stain is wet. Wash. Once paint is dry, it cannot be removed. OIL BASED AND VARNISH: Use solvent recommended on can label. Rinse thoroughly before washing.
Perspiration	Use prewash stain remover or rub with bar soap. Rinse. Wash using nonchlorine bleach in hottest water safe for fabric.
Rust, brown or yellow discoloration	Use rust remover safe for fabric. Do not use chlorine bleach because it may intensify discoloration.
Shoe polish	LIQUID: Pretreat with a paste of powder detergent and water. PASTE: Scrape residue from fabric. Pretreat with prewash stain remover or nonflammable dry cleaning fluid. Rinse. Rub detergent into dampened area. Wash using bleach safe for fabric.
Tomato	Pretreat with prewash stain remover. Wash using bleach safe for fabric.
Urine, vomit, mucus, feces	Pretreat or soak in product containing enzymes. Wash using bleach safe for fabric.
Wine	Pretreat or soak in cold water. Wash in hottest water and bleach safe for fabric

Inside Routine Cleaning (Preventive)

To help prevent odors, mold or mildew, leave the door open for a few hours after use or whenever the washer is not in use.

⚠ CAUTION

ENTRAPMENT and TIP-OVER HAZARD

Do not leave the door open if there are small children or pets present. An open door could entice children to hang on the door or crawl inside the washer. If there are no small children present, you may leave the door ajar to prevent odor build up.

TO REFRESH OR CLEAN INSIDE OF WASHER

To clean and freshen the washer, perform the **Clean Washer** cycle. For best results use the **Clean Washer** cycle once a month. To begin the cycle, press and hold the **Spin Speed** and **Options** buttons simultaneously for 10 seconds until the display changes to *"CLn"*.

REMOVE ALL ITEMS FROM WASH DRUM before filling the detergent chamber with one (1) cup of liquid chlorine bleach **OR** one (1) pouch of TIDE® WASHING MACHINE CLEANER. **DO NOT** use both. Press **START** to begin.

IMPORTANT

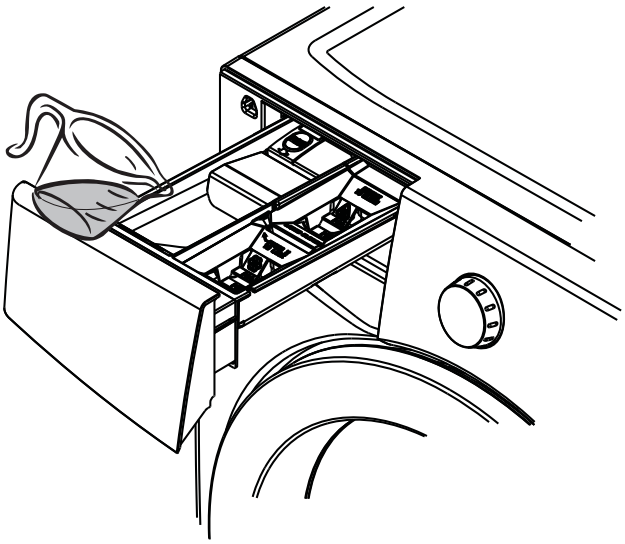
Items left in washer while performing the **Clean Washer** cycle will cause a severe out-of-balance situation that could damage the washing machine.

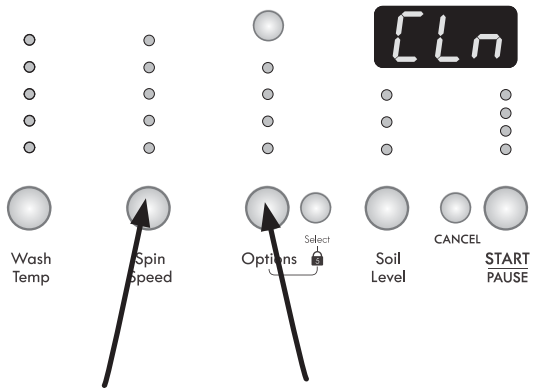
For best results

Immediately follow up with a **Rinse & Spin** cycle on **Extra High Spin Speed** with no detergent or bleach to help clear any residual bleach left after the **Clean Washer** cycle.

NOTE

If the **Clean Washer** cycle is cancelled or paused during the cycle, the washer will go through 2 rinse cycles to clean the drum of any residual bleach before unlocking the door.





Press and hold both for ten seconds to enter **Clean Washer** cycle.

⚠ WARNING

HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.

Care and Cleaning

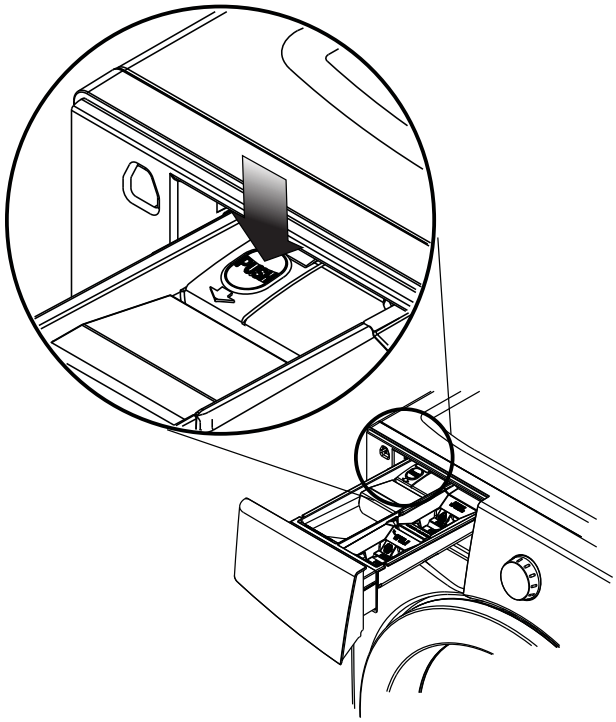
Other Inside Routine Cleaning (Preventive)

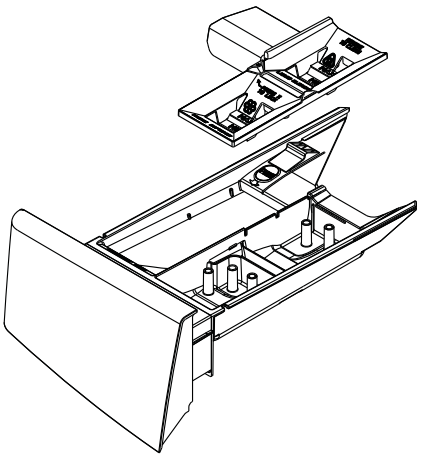
Cleaning Dispenser Drawer Area

NOTE

Detergent and fabric softener may build up in the dispenser drawer. Residue should be removed once or twice a month.

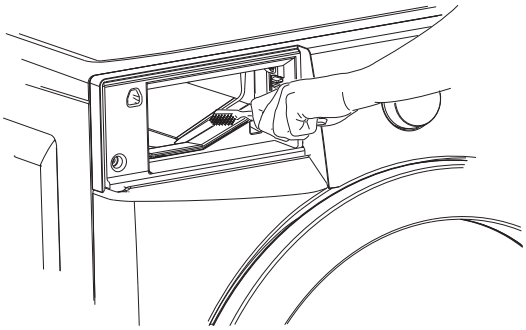
- Remove the drawer by pulling the drawer out until it stops.
- Reach back into the left rear corner of the drawer cavity and press down firmly on the lock tab. Pull out the drawer.
- Remove the insert from the bleach and fabric softener compartments.
- Rinse the drawer and inserts with a combination of ¾ cup liquid chlorine bleach and 1 gallon hot tap water to remove traces of accumulated powders and liquids. Large amounts of fabric softener residue may indicate improper dilution or more frequent cleaning is required. Rinse well with tap water.
- To clean the drawer opening, use a small brush to clean the recess. Remove all residue from the upper and lower parts of the recess.
- Replace the insert by pressing it in place until you hear a slight click. Return the dispenser drawer.





Daily Preventive Maintenance

- Remove items from the washer as soon as the cycle ends. Excess wrinkling, color transfer, and odors may develop in items left in the washer.
- If there are no small children or pets present, you may leave the door ajar when the washer is not in use.
- Leave the dispenser drawer open slightly at the end of the wash day.
- Dry around the washer door opening, flexible gasket, and door glass. These areas should always be clean to ensure a water tight seal.
- When extremely soiled items have been washed, a dirty residue may remain on the drum. Remove this by wiping the drum with a nonabrasive household cleanser. Rinse thoroughly with water.
- Periodically, wipe dry the folds in the bottom of the door flexible gasket to remove lint and other debris.



Inside Cleaning (Aggressive)

In cases where the **Clean Washer** cycle along with care and cleaning of rubber gasket folds isn't done, and severe odor, mold, mildew, or residue buildup have developed, follow the below cleaning procedure to help alleviate the problem.

CLEANING PROCEDURE - Washer Drum

Ensure the wash tub is empty (or no clothes load). Open the detergent drawer and pour **eight (8)** cups of bleach into the detergent compartment on the left. Select **Clean Washer** cycle as described previously in ***Inside Routine Cleaning (Preventive)***.

Upon cycle completion inspect the interior of the washer to see if the odor/residue has been eliminated. If any additional cleaning is required, repeat the above procedure. This may take several cycles depending on the severity of the odor/residue. You may observe some remaining discoloration due to the long term effects of this residue.

For especially contaminated areas visible inside the drum (including the front rubber seal), these areas might be more effectively cleaned by spraying a Bleach Cleaner on a scrub brush, soft sponge, or towel and scrubbing.

IMPORTANT

Always wear rubber or latex gloves and protect floor and clothing from damage.

If odor is still left after bleach cycle(s) and bleach cleaner, open the detergent drawer and pour one (1) pouch of TIDE® WASHING MACHINE CLEANER in detergent drawer. Select **Clean Washer** Cycle as above and start the washer.

For best results

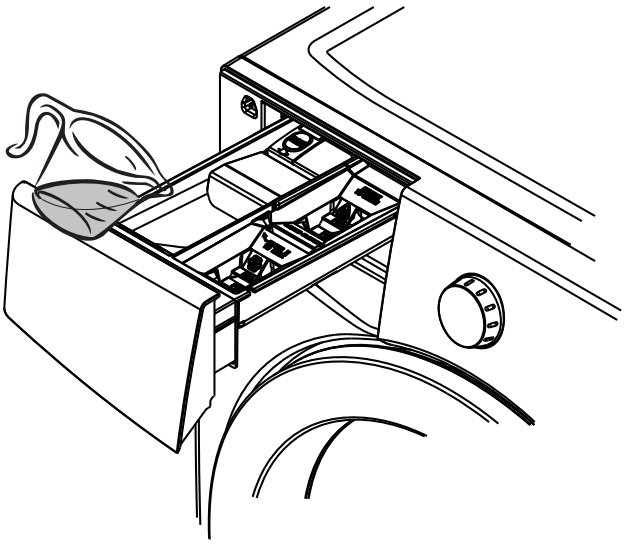
Immediately follow up with a **Rinse & Spin** cycle on **Extra High Spin Speed** with no detergent or bleach to help clear any residual bleach left after the **Clean Washer** cycle.

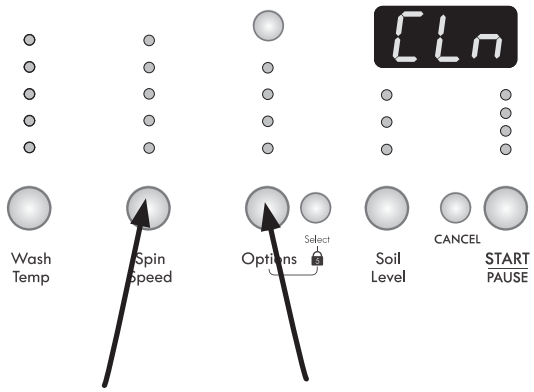
IMPORTANT

See ***Inside Routine Cleaning (Preventive)*** for future cleaning maintenance which is necessary to avoid repeating issues.

NOTE

If the **Clean Washer** cycle is cancelled or paused during the cycle, the washer will go through 2 rinse cycles to clean the drum of any residual bleach before unlocking the door.





Press and hold both for ten seconds to enter **Clean Washer** cycle.

WARNING

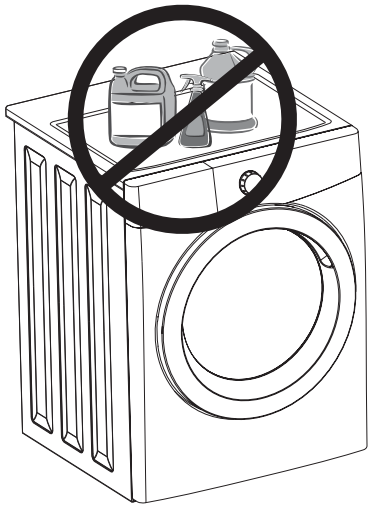
HARMFUL VAPOR HAZARD

Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.

Care and Cleaning

Outside Routine Cleaning

- When washing is completed, wipe top and sides of washer with a damp cloth. Turn water faucets off to prevent pressure build-up in the hoses.
- Clean the cabinet with mild soap and water. Never use harsh, gritty or abrasive cleansers
- If the cabinet becomes stained, clean with diluted chlorine bleach (1 part bleach to 8 parts water). Rinse several times with clear water.
- Remove glue residue from tape or labels with a mixture of warm water and mild detergent. Or, touch residue with the sticky side of tape.
- When cleaning chrome parts use a window cleaner with ammonia or mild soap and water.
- Before moving the washer, place a strip of cardboard or thin fiberboard under the front leveling legs to prevent damage to the floor.



IMPORTANT

Do not store or place laundry products on top of washer at any time. They can damage the finish or controls.

Winterizing Instructions

IMPORTANT

If the washer is stored in an area where freezing can occur or moved in freezing temperatures, follow these winterizing instructions to prevent damage to the washer:

Follow WINTERIZING INSTRUCTIONS for cold weather storage and care.

1. Turn off water supply faucets.
2. Disconnect hoses from water supply and drain water from hoses.
3. Plug electrical cord into a properly grounded electrical outlet.
4. Add 1 gallon (3.8 L) nontoxic recreational vehicle (RV) antifreeze to empty wash drum. Close door.
5. Select the **Rinse & Spin** cycle and deselect **Extra Rinse**. Press **Start** and let the washer drain for 1 minute to drain out all the water. Not all of the RV antifreeze will be expelled.
6. Press **CANCEL**, unplug electrical power cord, dry off drum interior and close door.
7. Remove dispenser drawer. Drain any water in compartments and dry compartments. Replace drawer.
8. Store washer in an upright position.
9. To remove antifreeze from washer after storage, perform **Clean Washer** cycle as described earlier.

Common Washing Problems

Many washing problems involve poor soil and stain removal, residues of lint and scum, and fabric damage. For satisfactory washing results, follow these suggestions provided by The Soap and Detergent Association.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS	PREVENTIVE MEASURES
Blue stains	• Undiluted liquid detergent or fabric softener dispensed directly onto fabric.	• If caused by detergent, mix 1 cup (240 ml) white vinegar with 1 quart (.95 L) water in a plastic container. Soak item 1 hour. Rinse. • If caused by fabric softener, rub stains with bar soap. Wash.	• Avoid overfilling detergent and fabric softener compartments of dispenser.
Discoloration, graying	• Not enough detergent. • Wash water temperature too low. • Incorrect sorting.	• Rewash with correct amount of detergent and hottest water safe for fabric. • Add bleach safe for fabric.	• Sort items by soil level and color. • Use correct amount of detergent, hottest water and bleach safe for fabric.
Greasy, oily stains	• Not enough detergent. • Undiluted liquid fabric softener poured directly on fabric.	• Treat with prewash stain remover or liquid detergent. • Increase detergent and water temperature. Rewash. • Rub fabric softener stains with bar soap.	• Use correct amount of detergent and hottest water safe for fabric. • Do not pour liquid fabric softener directly on fabric. See Operating Your Washer, step 5.
Holes, tears, or snags	• Incorrect use of chlorine bleach. • Unfastened zippers, hooks, buckles. • Rips, tears and broken threads. • Overloading the washer. • Degradation of fabric.	• May be irreversible if rips, tears and seams cannot be mended.	• Never pour chlorine bleach directly on fabric. • Check condition of items before washing. See Operating Your Washer, steps 2 and 5.
Lint	• Incorrect sorting. • Tissues left in pocket. • Overloading the washer. • Not enough detergent. • Undissolved detergent has left a residue resembling lint. • Static cling is attracting lint. • Load washed too long.	• Reduce load size. Rewash using correct water temperature, water level, and amount of detergent. • Add nonprecipitating water conditioner to wash water to remove detergent residue. • Add liquid fabric softener to final rinse. • Dry load in dryer. • Remove lint with lint brush or roller.	• See Operating Your Washer, steps 1 and 2. • Do not overload washer. • Use correct temperature and amount of detergent, water and wash time.
Pilling (Fibers ball up and cling to fabric.)	• Pilling is normal with synthetic and permanent press fabrics. This is due to abrasion from normal wear.	• Use a lint brush or shaver to remove pills.	• Use fabric softener in the washer to lubricate fibers. • When ironing, use spray starch or fabric finish on collars and cuffs. • Turn items inside out to reduce abrasion.
Residue or powder on dark items; Stiff, harsh fabrics.	• Undissolved detergent. • Some granular detergents can combine with hard water minerals to form a residue. • Overloading the washer.	• Rewash load.	• Increase water temperature using hottest water safe for fabric. • Do not overload washer. • Use liquid detergent or use nonprecipitating water conditioner with powder detergent.
Wrinkling	• Overloading the washer. • Incorrect wash cycle for wash load.	• Reduce load size. • Rinse in cold water with liquid fabric softener using the casual or delicate cycle.	• Do not overload washer. • Remove items from washer as soon as cycle is completed. • Use liquid fabric softener.

Solutions to Common Problems

Common Washing Problems, continued

PROBLEM	POSSIBLE CAUSES	SOLUTIONS	PREVENTIVE MEASURES
Yellow buildup of body soil on synthetic fabrics	• Agitation time too short. • Wash water temperature too low. • Not enough detergent.	• Soak in detergent booster or product containing enzymes. • Wash in hottest water safe for fabric using casual cycle. • Increase detergent. • Add bleach safe for fabric or treat with color remover.	• Select correct wash cycle. • Use correct amount of detergent. • Wash synthetics frequently using hot or warm water.
Yellow or brown rust stains	• Iron or manganese in water supply, water pipes, or water heater.	• To restore discolored load of whites, use rust remover safe for fabric. • Do not use chlorine bleach to remove rust stains. It may intensify discoloration.	• Use nonprecipitating water softener. • Before washing, run hot water for a few minutes to clear lines. • Drain water heater occasionally. • For an ongoing problem, install an iron filter in your water supply system.
Residue stains / buildup, mold or mildew stains in gasket	• Moisture in the washer. • Use of non-HE detergent. • Overdosing detergent. • Overloading wash drum. • Leaving a wet load set in washer. • Cold water washes which may not completely dissolve and remove detergents.	• Perform **Clean Washer** cycle • Scrub gasket with Comet™ Spray Gel Mildew Stain Remover using brush to remove stains. • Use only HE (high efficiency detergent) along with recommended dosage. • Remove wash load immediately upon cycle completion.	• Run dehumidifier in laundry room. • Avoid overfilling detergent and fabric softener compartments of dispenser. • Dry the inside of washer and gasket after every run.
Residue stains / buildup, mold or mildew stains in dispenser drawer	• Moisture in the washer. • Use of non-HE detergent. • Overdosing detergent.	• Remove dispenser drawer and wipe dispenser and inserts with combination of ¾ cup liquid chlorine bleach and one gallon hot water. Rinse well, and repeat if necessary. Return drawer to location. NOTE: Wear rubber of latex gloves. Protect floor and clothing from bleach damage. • Use only HE (high efficiency detergent) along with recommended dosage.	• Avoid overfilling detergent and fabric softener compartments of dispenser.
Water in fold of flexible gasket	• Result of washing and part of normal operation.	• At the end of each wash, dry inside of gasket fold with clean dry towel all around gasket.	
Odor	• Moisture in the washer. • Use of non-HE detergent. • Overdosing detergent. • Leaving a wet load remain in washer. • Cold water washes which may not completely dissolve and remove detergents.	• Perform **Clean Washer** cycle. • At the end of each wash, dry inside of gasket fold with clean, dry towel all around gasket. • Use only HE (high efficiency detergent) along with recommended dosage. • Remove wash load immediately upon cycle completion. • Pour one cup liquid chlorine bleach in standpipe; let remain a day and flush with water.	• Leave door and dispenser drawer open for a few hours after use or whenever washer is not in use.

Avoid Service Checklist

Before calling for service, review this list. It may save both time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this washer.

IMPORTANT

Disconnect washer from electrical service before performing any work on unit or on associated systems (including electrical supply, water inlet or water drainage).

OCCURRENCE	POSSIBLE CAUSE	SOLUTION
NOISE		
High pitch "jet engine" noise.	A certain amount of motor whine is normal during the spin cycle.	
Rattling and clanking noise.	Foreign objects such as coins or safety pins may be in drum or pump.	Stop washer and check drum. If noise continues after washer is restarted, objects may be in pump. Call a Sears or other qualified service dealer.
	Belt buckles and metal fasteners are hitting wash drum.	To prevent unnecessary noise and damage to drum, fasten fasteners and turn items inside out.
Thumping sound.	Heavy wash loads may produce a thumping sound. This is usually normal. If sound continues, washer is probably out of balance.	Stop washer and redistribute wash load.
Vibrating noise.	Washer is not resting firmly on floor.	Move washer so it rests firmly on floor. Adjust leveling legs. See ***INSTALLATION INSTRUCTIONS*** for details.
	Shipping bolts and foam block have not been removed during installation.	See ***INSTALLATION INSTRUCTIONS*** for removing shipping bolts and foam block.
	Wash load unevenly distributed in drum.	Stop washer and rearrange wash load.
OPERATING		
Washer does not start.	Electrical power cord may not be plugged in or connection may be loose.	Make sure plug fits tightly in wall outlet.
	House fuse blown, circuit breaker tripped, or a power outage has occurred.	Reset circuit breaker or replace fuse. Do not increase fuse capacity. If problem is a circuit overload, have it corrected by a qualified electrician. If problem is a power outage, call local electric company.
	Water supply faucets are not turned on.	Turn on water supply faucets.
	Motor is overheated. Washer motor will stop if it becomes overheated.	It will automatically restart after a cool down period of up to 30 minutes (if washer has not been manually turned off).
	Washer door is not completely closed.	Close door completely.
Washer won't spin.	Load is too small.	Add 1 or 2 similar items to help balance the load.
Residue left in drum.	Heavily soiled items.	Wipe drum with a nonabrasive household cleanser, then rinse. Shake or brush excess dirt and sand from items before washing

Solutions to Common Problems

Avoid Service Checklist, continued

OCCURRENCE	POSSIBLE CAUSE	SOLUTION
WATER		
Water collects in folds of front door flexible gasket at the end of the cycle.	This is a result of the washing action and is part of the normal operation of the washer.	
Water collects in bleach and fabric softener compartments.	This is a result of the siphoning action and is part of the normal operation of the washer.	Water may be removed by removing the dispenser drawer (see *Care and Cleaning* in this guide) and draining water into the empty drum or sink.
Wash load too wet after spin.	Washer is overloaded.	Do not overload washer. See Operating Your Washer, step 4.
	Load is too small.	Add 1 or 2 similar items to help balance the load.
	Load is out of balance.	Rearrange load to allow proper spinning.
	Drain hose is kinked.	Straighten drain hose.
Water does not enter washer or it enters slowly.	Water supply is not adequate in area.	Check another faucet in the house. Wait until water supply and pressure increase.
	Water supply faucets are not completely open.	Fully open hot and cold faucets.
	Water is being used elsewhere in the house. Water pressure must be at least 30 psi (260 kPa).	Avoid running water elsewhere while washer is filling.
	Water inlet hoses are kinked.	Straighten hoses.
Warm or hot water is not hot enough.	Hot water heater is set too low or is a distance from washer.	Measure hot water temperature at nearby faucet with candy or meat thermometer. Water temperature should be at least 120°F (49°C). Adjust water heater as necessary.
	Hot water is being used elsewhere in the house.	Avoid using hot water elsewhere before or during washer use. There may not be enough hot water available for proper cleaning. If problem persists, your hot water system may be unable to support more than 1 use at a time.
Water in washer does not drain or drains slowly.	Drain hose is kinked or clogged.	Clean and straighten the drain hose.
	Drain hose standpipe is too tall. Maximum standpipe height is 8' (2.4 m).	Reduce standpipe height to less than 8' (2.4 m). See ***INSTALLATION INSTRUCTIONS***.
	House drain pipes are clogged.	Unclog drain pipes. Contact plumber if necessary.
Water leaks.	Fill hose connection is loose at faucet or washer.	Check and tighten hose connections. Ensure rubber sealing washers are installed.
Oversudsing.	Wrong detergent.	Run rinse cycle. Use a low-sudsing, high efficiency detergent.
	Too much detergent.	Run rinse cycle. Use less detergent in future loads.
Incorrect wash and rinse temperatures.	Hot and cold water hoses are connected to wrong supply faucets.	Connect hot water hose to hot water faucet and cold water hose to cold water faucet.
Water is entering washer but tub does not fill.	Drain hose standpipe is too low. Standpipe must be a minimum of 23.6" (60 cm) high to prevent siphoning.	Increase standpipe height to at least 23.6" (60 cm). See ***INSTALLATION INSTRUCTIONS***.

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